

11a 23dBi Directional Panel Antenna

LevelOne WAN-4230 outdoor panel antenna kit provides a very high 23dBi gain for existing 802.11a wireless long-range directional applications in the full range frequency band between 5.150Ghz to 5.875Ghz. The tight beamwidths and good front to back spec efficiently minimized interference in the microwave link.

This antenna is especially suitable for outdoor point-to-point wireless link applications and point-to-multipoint systems such as LevelOne WBA-4000 and to be used in installations where high performance are key factors. All metal parts DC grounded for noise reduction and lightning protection. The radome is manufactured from a special UV-stabilized plastic to reduce the effects of solar radiation. The enclosed waterproof surface keeps the antenna workable in any rogue environment.

This antenna kit comes with antenna and metal bracket. With those accessories, the antenna can be easily installed for either vertical or horizontal polarization. WAN-4230 can also work with other wireless devices, which comply with IEEE802.11a standard and are equipped with an N male connector.



WAN-4230

Related Products



WAB-2000A

108Mbps Wireless Mesh Outdoor AP/Bridge



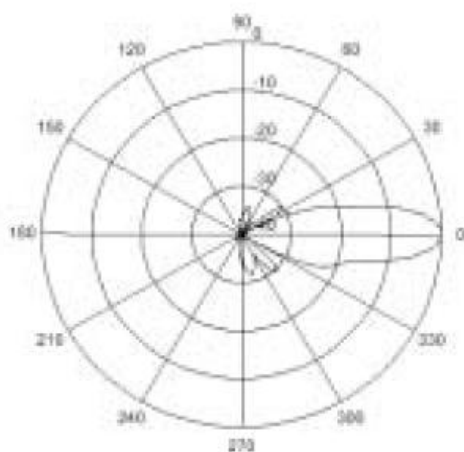
WBA-4000

11a Wireless Outdoor Bridge

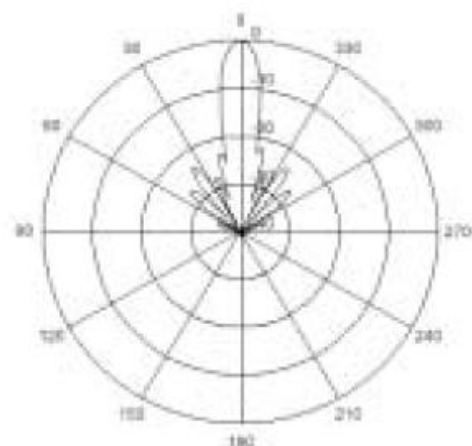
Key Features

- For IEEE 802.11a applications at the range between 5.150- 5.875GHz frequency band
- Easy to install for vertical or horizontal polarization
- Directional operation provides extended point to point coverage
- Low wind resistance

Radiation Patterns



V-Plane Co-polarization Pattern

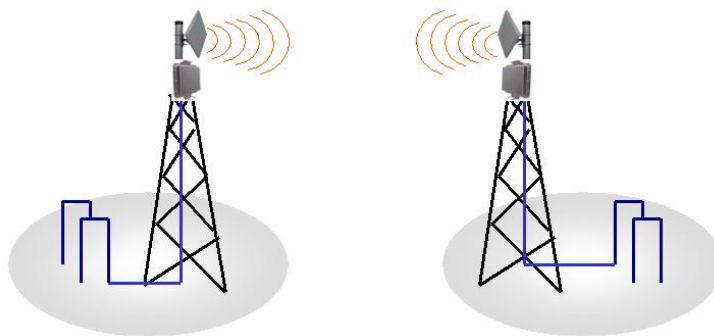


H-Plane Co-polarization Pattern

Technical Specification

Electrical Specification	
Frequency Band	5150MHz – 5875MHz
Gain	23dBi
VSWR	1.7:1 Max
Polarization	Linear, Vertical
HPBW / V	10°
HPBW / H	10°
Front to back ratio	40 dB
Power Handling	10W
Impedance	50 Ohms
Connector	N female
Environmental & Mechanical Characteristics	
Survival wind speed	200Km/hr
Temperature	-40°C - +85°C
Humidity	95% @ 25°C
Lightning Protection	DC ground
Radome Color	Gray
Radome Material	UV-Stabilized Plastic
Weight	0.9 kg
Dimension	337mm x 337mm x 25.4mm

Product Diagram



WAN-4230 works with WBA-4000 for Point-to-Point wireless bridging applications

Ordering Information

- WAN-4230 11a 23Bi Directional Outdoor Panel Antenna